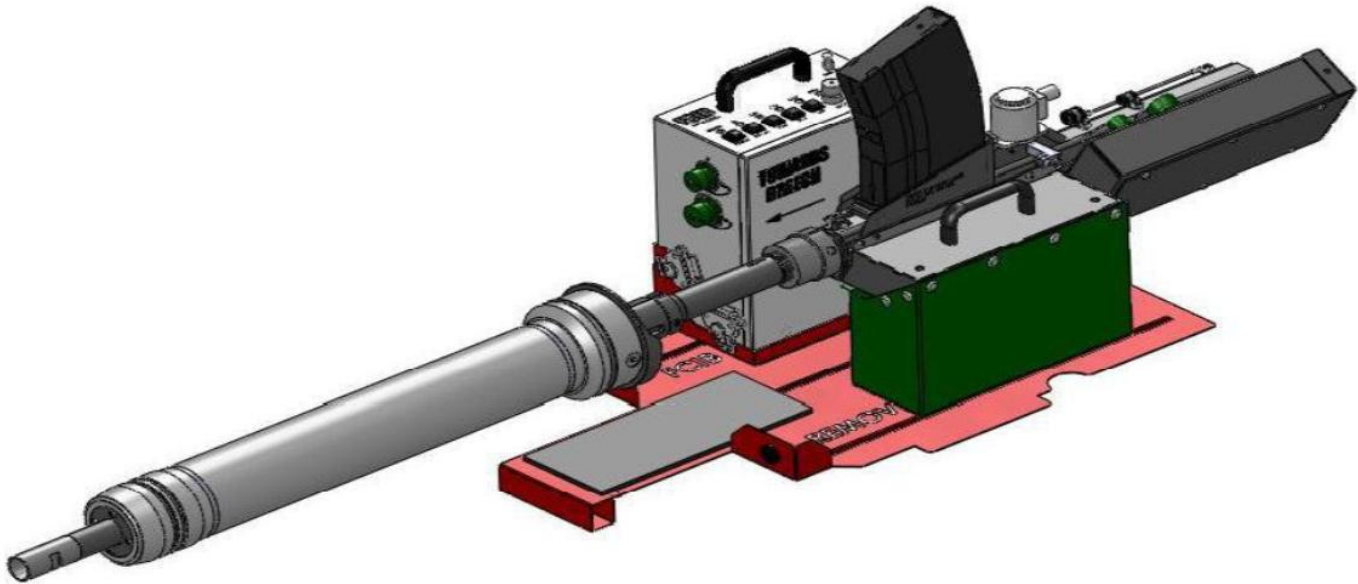


## SUB-CALIBER INBORE 105MM SEMI-AUTOMATIC, STRYKER (IDS)


**Training Category/Level Utilized:**

Armor/Level 3

**Logistic Responsible Command, Service, or Agency:**

PEO-STRI, Orlando FL

**Source and Method of Obtaining:**

Not generally Available for issue (limited production)

**Purpose of Trainer:**

Used in conjunction with MGS TESS to provide full and half scale, sub caliber live fire gunnery and urban (MOUT), warfare training.

**Functional Description:**

The IDS is designed for use with the Stryker MGS 105mm, M68A1E8 cannon. The IDS is intended for live fire gunnery or urban gunnery training with full or half scale targets. Maximum target engagements of 2000 meters are achieved using Cal. 50, M17 Tracer. Urban training using M860 SRTA-T has a maximum effective range of 170 meters. Ballistic solution data for both M962 and M17 is incorporated into the ballistic computer of the STRYKER MGS vehicle.

**Physical Information:**

|                     |  |
|---------------------|--|
| Caliber             | 50 (12.7X99)                                     |
| System of Operation | Electronically controlled                        |
| Type of Action      | Electronically controlled, mechanically actuated |

|                                |  |
|--------------------------------|--|
| Rate of Fire                   | 6 rounds per minute. Electronically controlled. (Factory Adjustable) |
| Length                         | 70 Inches  |
| Width                          | 7 5/8 Inches   |
| Height                         | 14 Inches (with 18 round magazine installed)                         |
| Weight (Barrel Assembly)       | 50 Lbs   |
| Weight (Receiver Assembly)     | 28 Lbs   |
| Weight (Total Shipping in Box) | 215 Lbs  |
| Barrel Length                  | 45 In  |
| Muzzle Velocity                | 1210 m/s (M962 SLAP-T)   |
|                                | 886 m/s (M17 Tracer)   |
|                                | 850 m/s (M860 SRTA-T)  |
| Maximum Effective Range        | 2000 Meters (M962 SLAP-T)  |
|                                | 1500 Meters (M17 Tracer)   |
|                                | 170 Meters (M860 SRTA-T)   |
| Used in Conjunction with       | US M68A1E8, 105mm Gun  |
| Safety                         | Mechanical Safe, Electrical Safe and Main Gun Safety System          |